

Title (en)

TRANSISTOR ARRANGEMENT WITH TEMPERATURE COMPENSATION AND METHOD FOR TEMPERATURE COMPENSATION

Title (de)

TRANSISTORANORDNUNG MIT TEMPERATURKOMPENSATION UND VERFAHREN ZUR TEMPERATURKOMPENSATION

Title (fr)

SYSTEME TRANSISTOR A COMPENSATION DE TEMPERATURE ET PROCEDE DE COMPENSATION DE TEMPERATURE

Publication

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Application

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Abstract (en)

[origin: WO2005069097A1] The invention relates to a transistor arrangement with temperature compensation. Said transistor arrangement comprises a transistor (1) which is provided with at least one adjustable geometric parameter. Temperature measuring means (15) emit a signal which is temperature-dependent, wherein the geometric parameter of the transistor (1) can be controlled according to a control unit (2), in such a manner that the electric characteristic variables thereof are temperature-independent. Preferably, the adjustable geometric parameter is the channel width of the transistor (1).

IPC 8 full level

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